Ethan Kanyid

https://ethan.kanyid.dev

Objective

Computer Science student with cyber security engineering and software development experience at PNNL. CompTIA Security+ certified with robust personal project experience. Seeking a position to apply programming and networking skills toward protecting critical infrastructure and developing secure systems.

Experience

Cyber Security Intern | Pacific Northwest National Laboratory   May 2025 – Present
- Developed passive DNS analytics with Python scripts and SQL
- Implemented domain typo-squatting detection deployed in AWS EC2 and S3
- Presented research and engineering solution at intern symposium

Technician | Apostolic Christian Church   2017 – Present
- Manage audio/visual systems for in-person and online services
- Troubleshooting and adapt with complex equipment to ensure smooth operations

Education

B.S. Computer Science | Washington State University (Tri-Cities)   2023 - 2026
- GPA: 3.95
- CySER CAE-CO Cybersecurity Certificate

Associates of Arts and Sciences | Columbia Basin College   2020 - 2022
- GPA: 3.88 | Magna Cum Laude

Projects

Homelab Server   2023 - present

DevOps – Deployed virtualized and containerized apps with Docker, Kubernetes, and CI/CD
Network Engineering – Configured network to support custom VPN, DNS, and DHCP servers
Cyber Security – Administered OIDC authentication and TLS termination at reverse proxy
Systems Engineering – Modified macOS firmware for Ubuntu Server; set up ZFS network share
Server Administration – Manage self-hosted Git, media, and game servers with access control

Senior Capstone Project   2025 - 2026

IoT device – Designed an Arduino device to connect to a web API and transmit sensor data
Cloud Infrastructure – Engineered a full-stack application using ExpressJS, MongoDB, and React
Teamwork – Completed self-directed and team tasks with clear communication to deliver product

Skills

Proficient: C/C++, SQL
Moderate: Python, HTML, CSS
Limited: JavaScript, Lisp, R, Spanish (A1)

Tools

Proficient: Git, Docker
Moderate: Flipper Zero, Wireshark
Limited: Kubernetes

Awards & Acknowledgements

CompTIA Security+ Certified	2025 – 2028
Top 100 - US Cyber Challenge	Fall 2024
Hanford Soccer Captain	Spring 2022
Eagle Scout	2015 – 2021